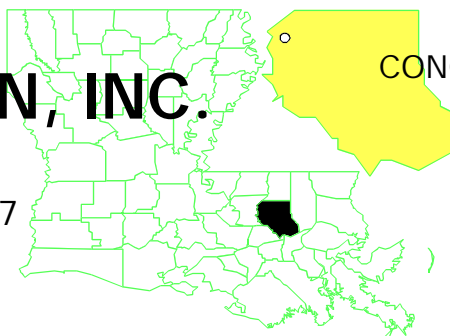


# COMBUSTION, INC.

## LOUISIANA

EPA ID# LAD072606627



### EPA REGION 6

CONGRESSIONAL DISTRICT 06

Livingston Parish

Denham Springs

Updated

July 21, 2000

## Site Description

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- Location:**       !       Approximately 2.5 miles N.E. of Denham Springs, Louisiana, at Milton Road and Burgess Road.
- Population:**   !       Approximately 500 people live within a 1 mile radius of the site.
- Setting:**       !       Waste oil recycling operation.  
                      !       Eleven surface impoundments of varying sizes and depths.  
                      !       Several underground and above ground tanks.
- Hydrology:**     !       Impoundments are in the Pleistocene alluvium.  
                      !       Discharge to West Colyell Creek which drains into Amite River.

## Wastes and Volumes

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- !       The principal pollutants at the Combustion, Inc. Superfund site include Lead, Benzene, Silver, Nickel, PCBs, Toluene, Mercury, Toluenediisocyanate, and Toluene Diamine.
- !       The site contained approximately 29,630 drum equivalents of waste oil and sludge.
- !       Expedited Removal Action addressed principal pollutants at site.

## Site Assessment and Ranking

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### NPL LISTING HISTORY

Site HRS Score: 33.79

Proposed Date: 6/20/86

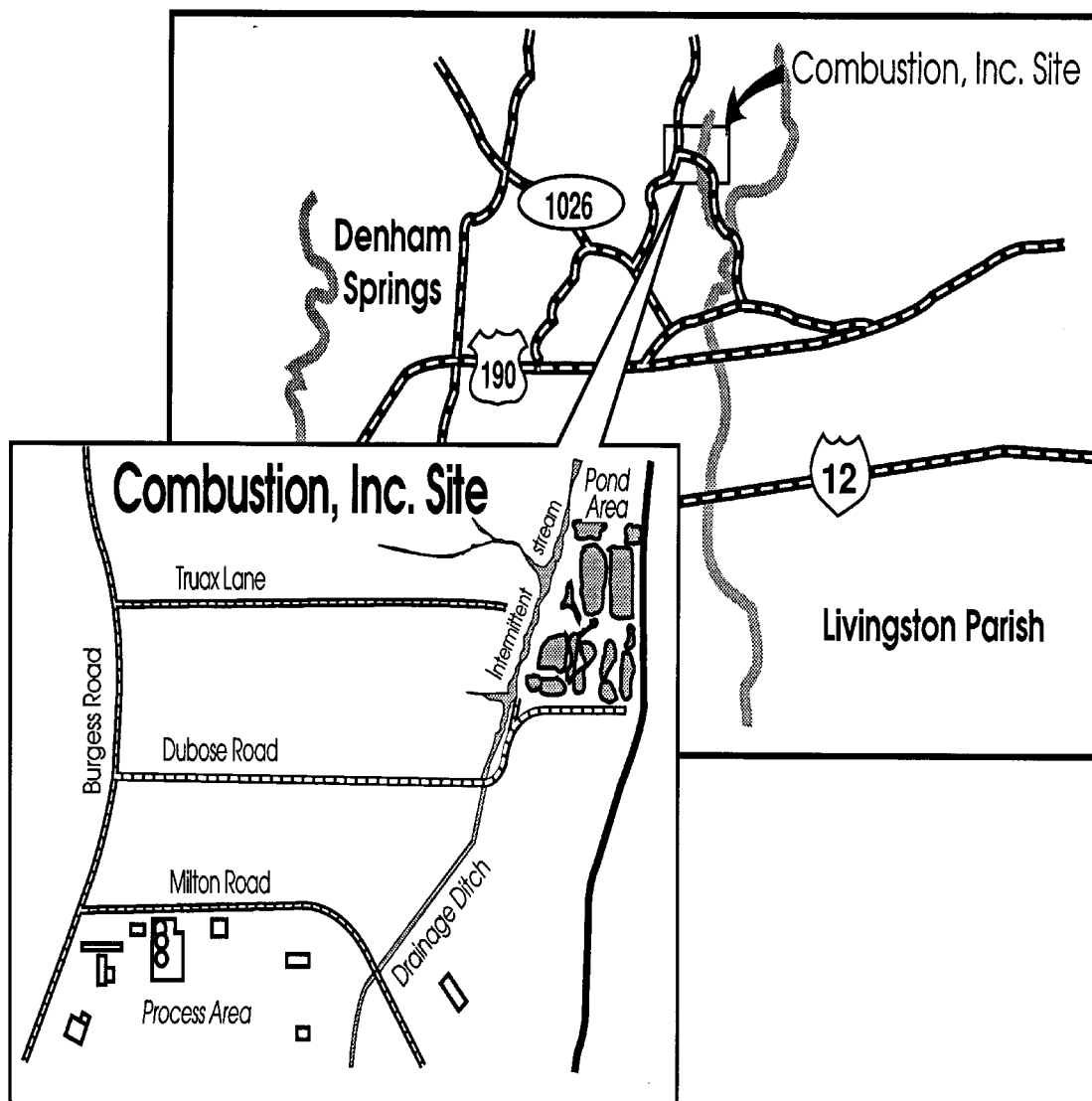
Reproposed Date: 6/24/88

Final Date: 8/31/90

NPL Update: No. 5 & 7

- !       Primary ranking factors: presence of airborne contaminants, and shallow ground water contamination with 1,2-Dichloroethane.

## Site Map and Diagram



## The Remediation Process

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### Site History:

- ! Prior to 1982: Operated as waste oil recycling facility; Notices of Violation and Warning Letters issued by the Louisiana Department of Environmental Quality (LDEQ) for various Resource Conservation, and Recovery Act (RCRA) noncompliance.
- ! Jan. 18, 1984: RCRA Compliance Order issued
- ! Jan. 7, 1987: LDEQ signs Enforcement Agreement between EPA and LDEQ for State Enforcement Lead.
- ! Feb. 7, 1987: EPA signs Enforcement Agreement.
- ! Feb. 16, 1988: Remedial Investigation/Feasibility Study (RI/FS) Work Plan submitted.
- ! Sept. 27, 1988: RI/FS Agreement signed by PRPs and LDEQ.
- ! Dec. 1988: RI/FS field investigation activities begin.
- ! April 1989: RI/FS field investigation activities completed.
- ! Nov. 7, 1991: RI Report (pre-ERA) completed.
- ! July 14, 1992: PRP/LDEQ agreement to conduct an Expedited Removal Action (ERA).
- ! Nov. 1992: PRPs begin ERA to remove oils from the surface impoundments, tanks, and buildings at the site.
- ! Sept. 1993: ERA field activities completed.
- ! Nov. 18, 1994: RI/FS (Phase II) Workplan submitted and approved.
- ! Jan-Mar. 1995: RI/FS (Phase II) field activities conducted.
- ! Jun. 3, 1996: ERA final report completed.
- ! Sept. 1998: Monitored Natural Attenuation Sampling Report
- ! Feb. 1999: Process Area Vicinity Ground Water Sampling Report
- ! April 2000: Process Area Vicinity Ground Water Sampling Report

### Health Considerations:

- ! Expedited Removal Action which occurred in 1992 and 1993 reduced the threat of exposure from the site to area residents.
- ! Air monitoring during the removal was done to regulate emissions from the site.
- ! Preliminary Public Health Evaluation and Endangerment Assessment submitted to LDEQ and to EPA on February 16, 1990.

## Record of Decision

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- ! Not Applicable at this time.

## Community Involvement

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- ! Outreach activities are the responsibility of LDEQ
- ! Community Involvement Plan: Developed 6/89
- ! Open houses and workshops: 9/90, 9/91, 7/92, and 5/94

- ! Milestone Fact Sheets: 4/89, 8/90, 2/91, 9/91, and 5/94
- ! Citizens on site mailing list: 36
- ! Constituency Interest: Citizens supportive of EPA efforts.
- ! Site Repository: Livingston Parish Library, Denham Springs/Walker Branch, 10095 Florida Boulevard, Denham Springs, LA 70726

## Technical Assistance Grant

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- ! Availability Notice: 5/9/89
- ! Letters of Intent Received: None
- ! Final Application Received: N/A
- ! Grant Award: N/A

## Fiscal and Program Management

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- ! **Remedial Project Manager:** Katrina Coltrain, 214-665-8143, EPA (6SF-LP)
- ! **State Contact:** Todd Thibodeaux, 225-765-0487, LDEQ
- ! **Community Involvement:** Katrina Coltrain, 214-665-8143, EPA (6SF-LP)
- ! **Attorney:** Michael Boydston, 214-665-7376 EPA (6SF-DL)
- ! **Prime Contractor:** URS Greiner Woodward Clyde Consultants, Geraghty & Miller
- ! **Prime Oversight Contractor:** None

## Enforcement

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- ! EPA/State enforcement agreement signed February 9, 1987, gives the State of Louisiana, through the LDEQ, the enforcement lead on all site activities.

## Present Status and Issues

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- ! The regulatory agencies and the responsible party are continuing to work on the Feasibility Study.

## Benefits

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- ! Approximately 25,700 tons of soil and 2,000 tons of debris and foundation materials were excavated and disposed of off site.
- ! Approximately 8,000 tons of solidified sludge and paraffin and approximately 3,400 linear feet of pipeline were excavated and disposed of off site.
- ! Approximately 58,086 gallons of oil was sent off site for energy recovery.
- ! 18 above ground and 12 underground storage tanks were emptied of contents, dismantled, and recycled.
- ! Approximately 11.3 million gallons of wastewater was treated and discharged.
- ! Expedited Removal Action eliminated exposure potential and allows for future development of the property.